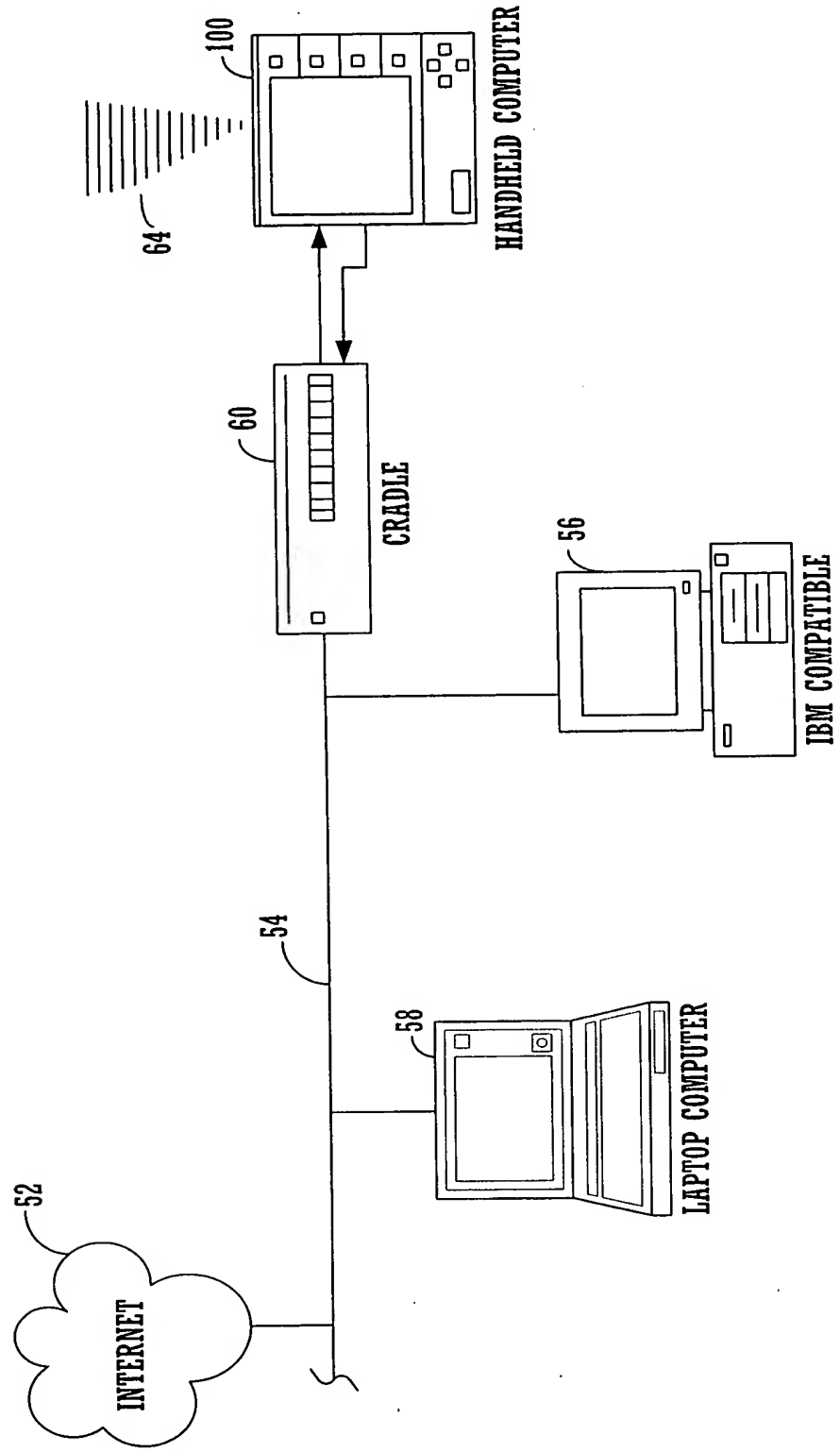
100
HANDHELD COMPUTER
64
60
CRADLE
56
IBM COMPATIBLE
54
58
LAPTOP COMPUTER
52
INTERNET
50

FIGURE 1

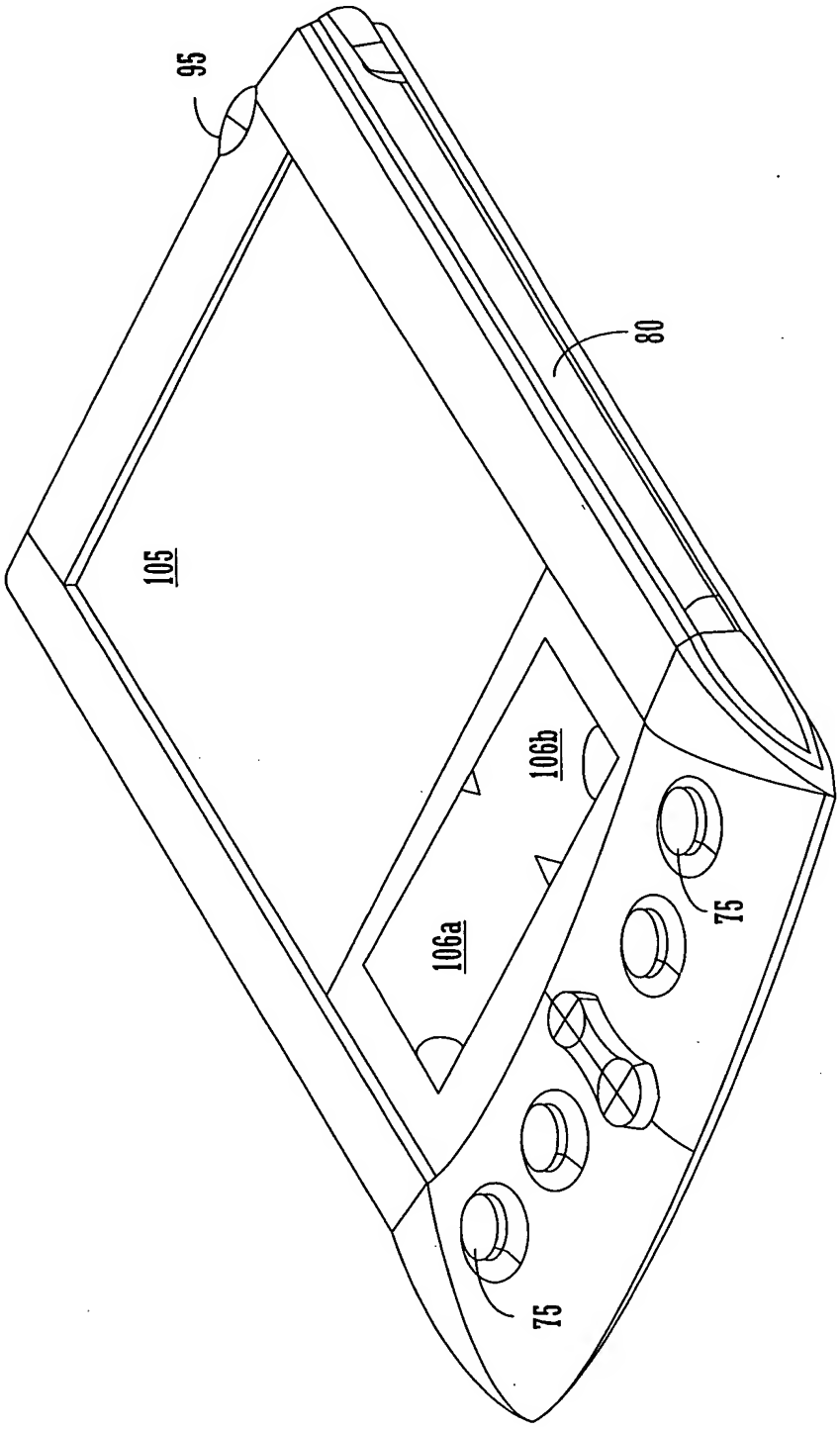

FIGURE 2A

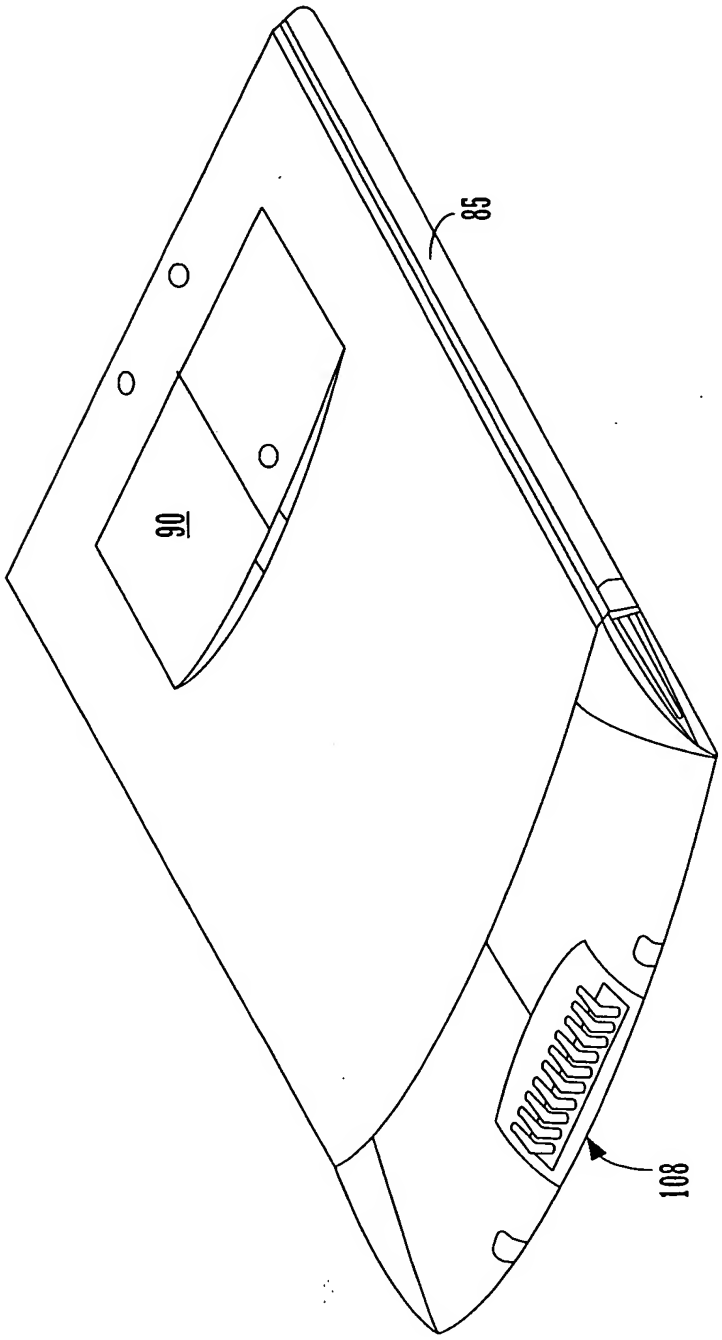

FIGURE 2B

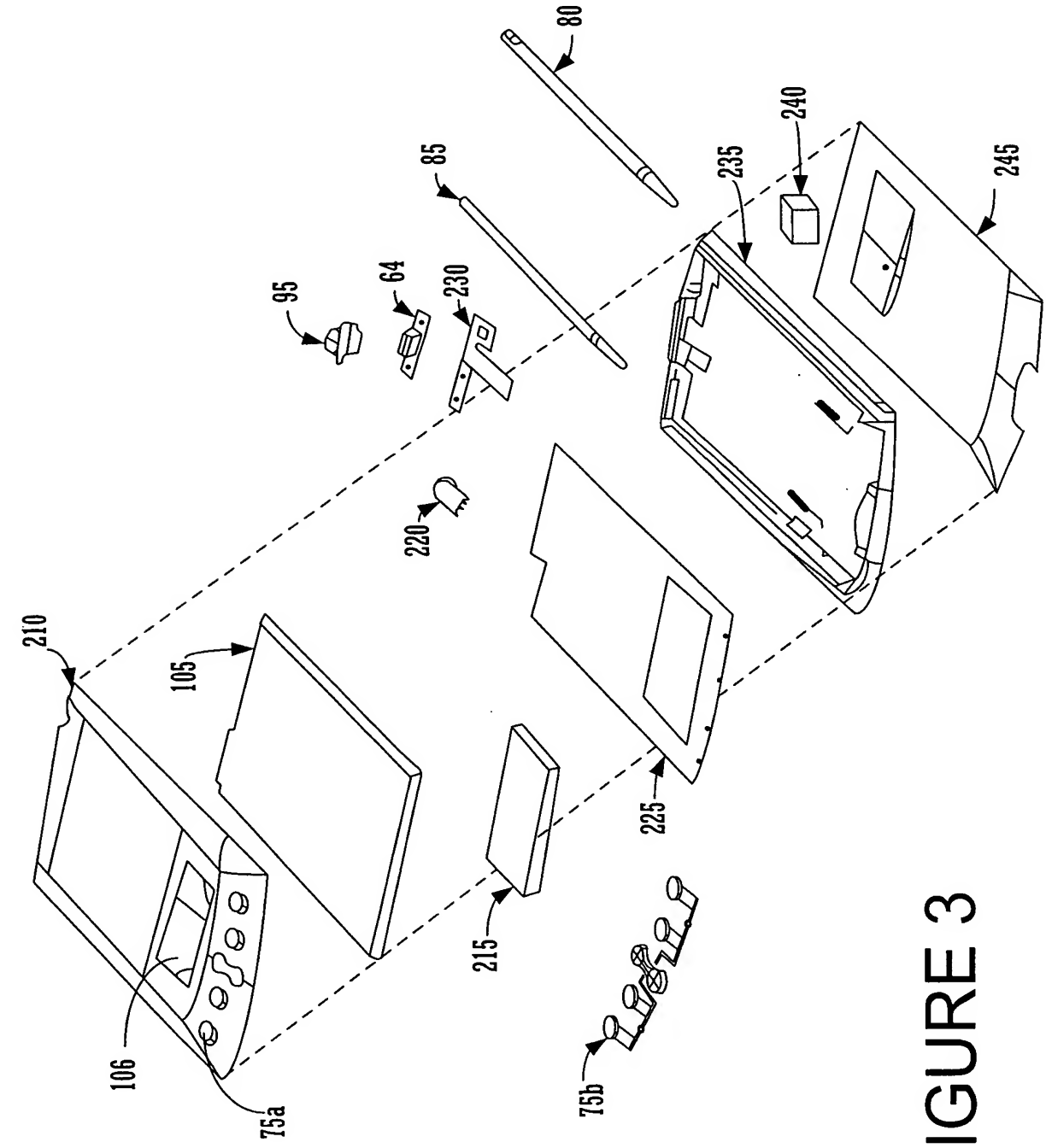

FIGURE 3

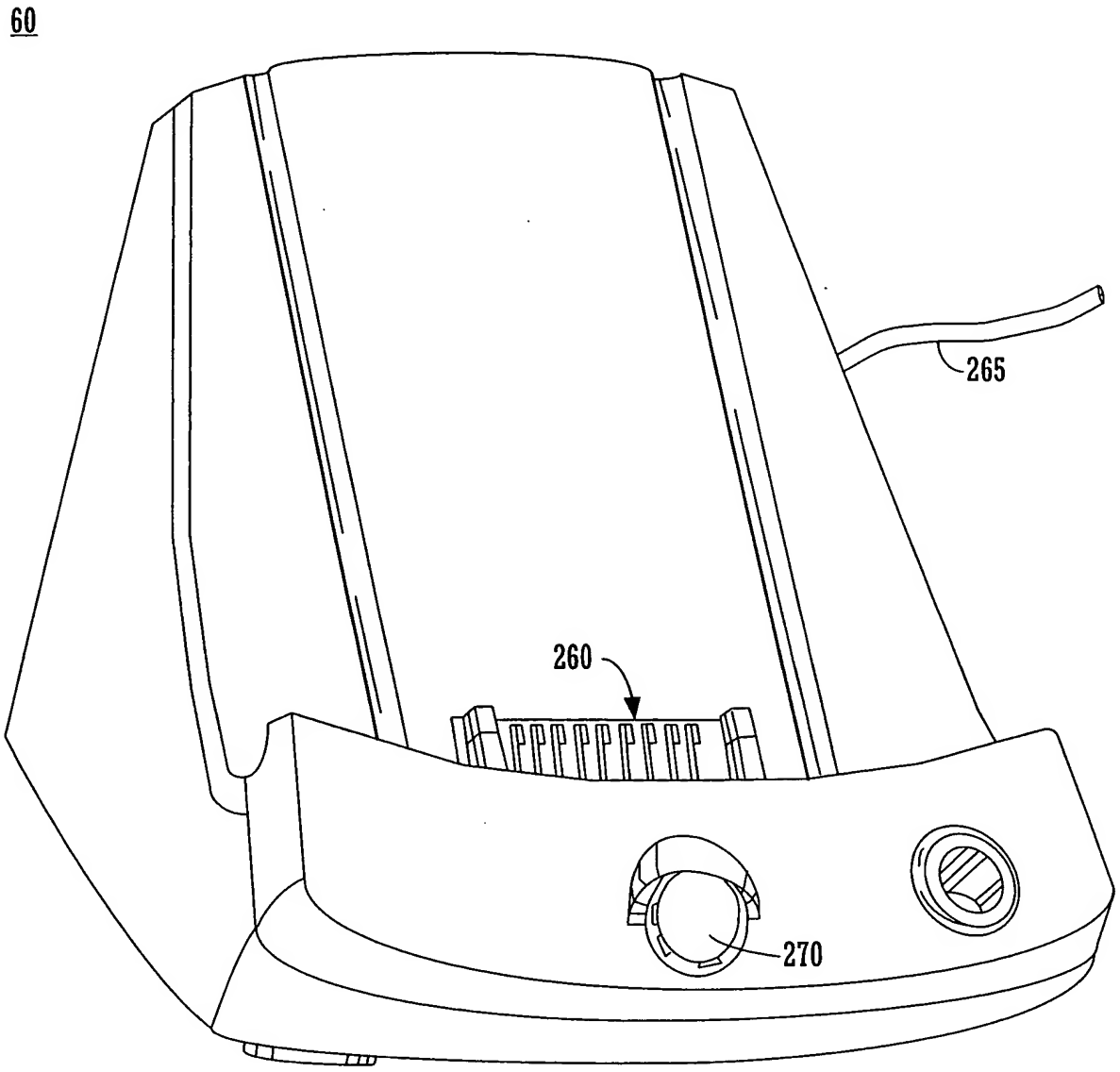

FIGURE 4

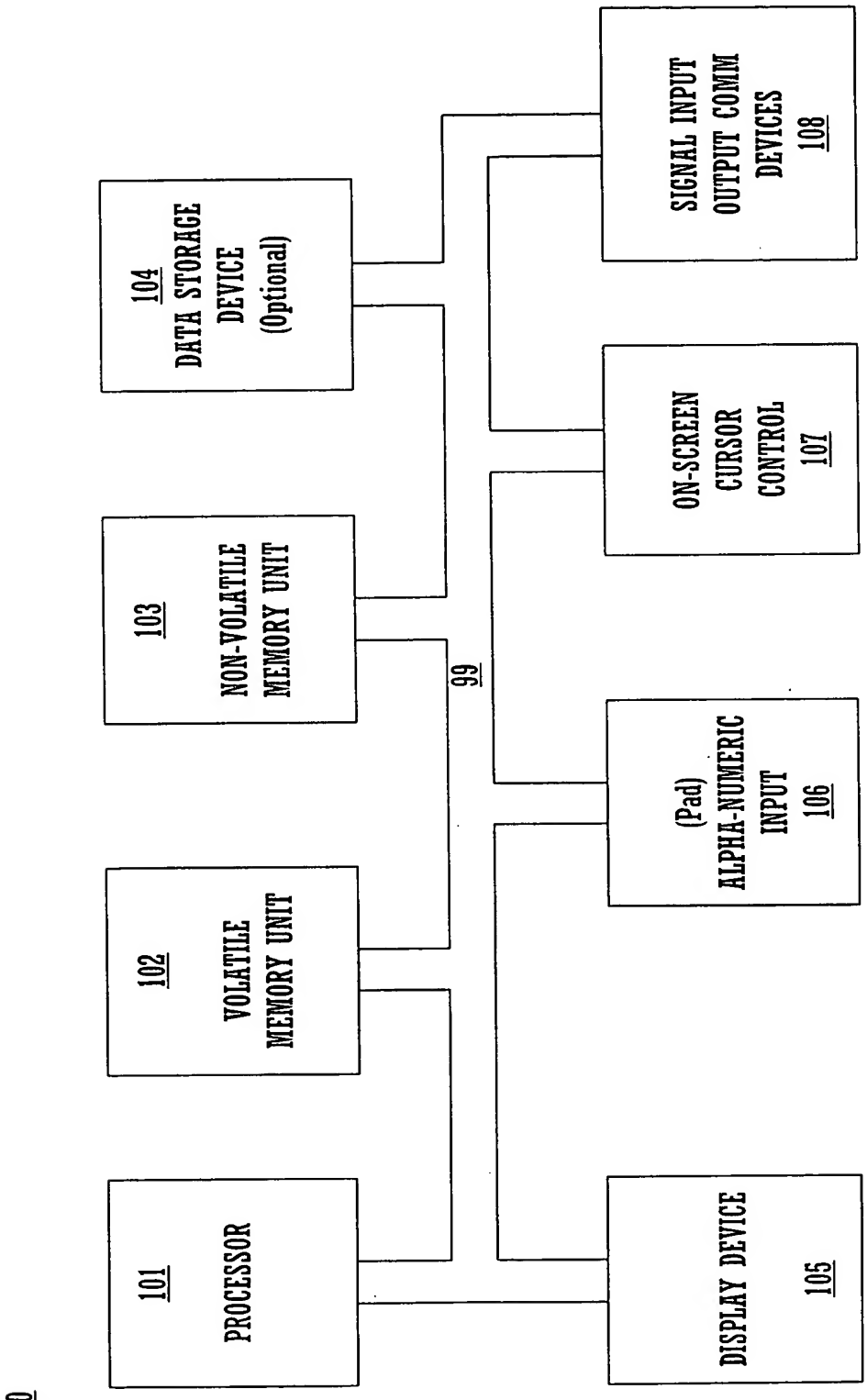
100
101 PROCESSOR
102 VOLATILE MEMORY UNIT
103 NON-VOLATILE MEMORY UNIT
104 DATA STORAGE DEVICE (Optional)
99
DISPLAY DEVICE 105
(Pad) ALPHA-NUMERIC INPUT 106
ON-SCREEN CURSOR CONTROL 107
SIGNAL INPUT OUTPUT COMM DEVICES 108

FIGURE 5

600

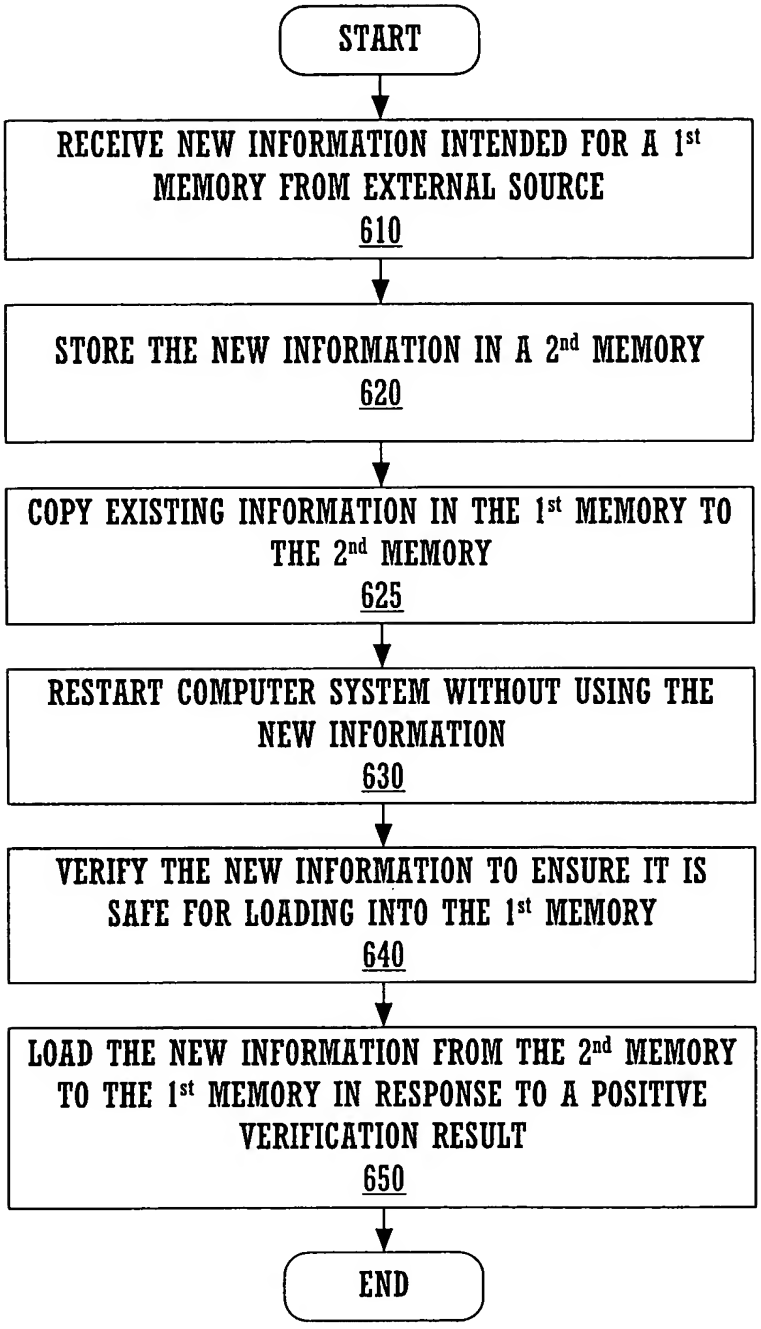
START
RECEIVE NEW INFORMATION INTENDED FOR A 1st MEMORY FROM EXTERNAL SOURCE
610
STORE THE NEW INFORMATION IN A 2nd MEMORY
620
COPY EXISTING INFORMATION IN THE 1st MEMORY TO THE 2nd MEMORY
625
RESTART COMPUTER SYSTEM WITHOUT USING THE NEW INFORMATION
630
VERIFY THE NEW INFORMATION TO ENSURE IT IS SAFE FOR LOADING INTO THE 1st MEMORY
640
LOAD THE NEW INFORMATION FROM THE 2nd MEMORY TO THE 1st MEMORY IN RESPONSE TO A POSITIVE VERIFICATION RESULT
650
END

FIGURE 6

700

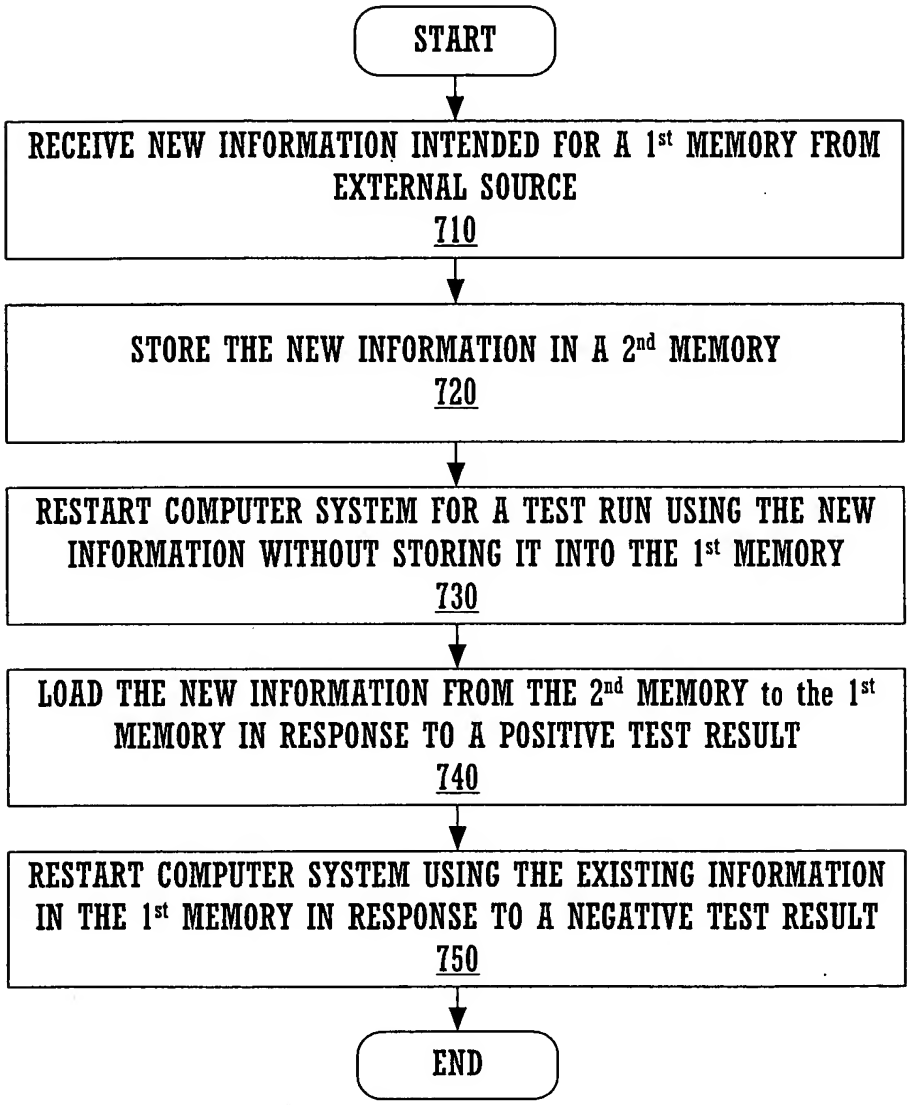
START
RECEIVE NEW INFORMATION INTENDED FOR A 1st MEMORY FROM EXTERNAL SOURCE
710
STORE THE NEW INFORMATION IN A 2nd MEMORY
720
RESTART COMPUTER SYSTEM FOR A TEST RUN USING THE NEW INFORMATION WITHOUT STORING IT INTO THE 1st MEMORY
730
LOAD THE NEW INFORMATION FROM THE 2nd MEMORY to the 1st MEMORY IN RESPONSE TO A POSITIVE TEST RESULT
740
RESTART COMPUTER SYSTEM USING THE EXISTING INFORMATION IN THE 1st MEMORY IN RESPONSE TO A NEGATIVE TEST RESULT
750
END

FIGURE 7

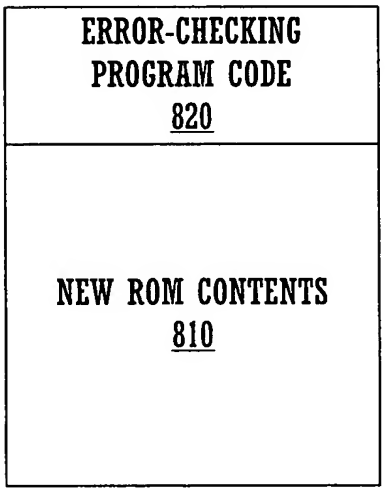

FIGURE 8A

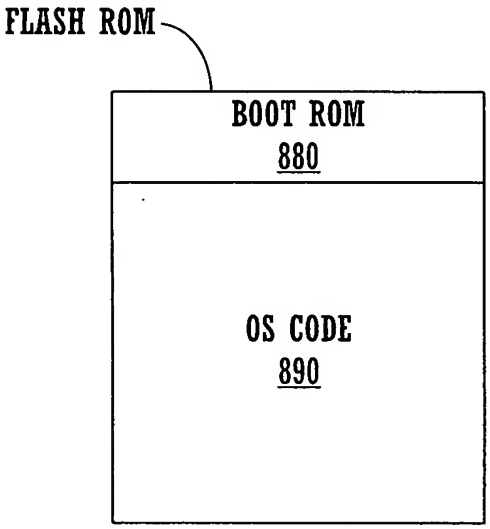

FIGURE 8B